



SPYWOLF

Security Audit Report



Completed on
August 16, 2022

MADE IN USA 

 @SPYWOLFNETWORK

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 SPYWOLF.CO



OVERVIEW

This audit has been prepared for **Broom Watch** to review the main aspects of the project to help investors make an informative decision during their research process.

You will find a summarized review of the following key points:

- ✓ Contract's source code
- ✓ Owners' wallets
- ✓ Tokenomics
- ✓ Team transparency and goals
- ✓ Website's age, code, security and UX
- ✓ Whitepaper and roadmap
- ✓ Social media & online presence

“

The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal

- SPYWOLF Team -

”





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Broom Watch



PROJECT DESCRIPTION

According to their whitepaper:

Broom Watch is token which will monitor your smiling, walking, swimming via smart watch. These actions will earn you rewards.

Release Date: Presale starts on August 19, 2022

Category: Move to earn



CONTRACT INFO

Token Name
BroomWatch

Symbol
BW

Contract Address

0xE136F74Ca90CfE163983d66Cd723ba2142E8D272

Network

Binance Smart Chain

Language

Solidity

Deployment Date

June 21, 2022

Verified?

Yes

Total Supply

800,000

Status

Not launched

TAXES

Buy Tax
12%

Sell Tax
12%

*Taxes can be changed in future



Our Contract Review Process

The contract review process pays special attention to the following:

- ✓ Testing the smart contracts against both common and uncommon vulnerabilities
- ✓ Assessing the codebase to ensure compliance with current best practices and industry standards.
- ✓ Ensuring contract logic meets the specifications and intentions of the client.
- ✓ Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- ✓ Thorough line-by-line manual review of the entire codebase by industry experts.

Blockchain security tools used:

- OpenZeppelin
- Mythril
- Solidity Compiler
- Hardhat



CURRENT STATS

(As of August 16, 2022)



Liquidity

Not added yet



Burn

No burnt tokens

Status:
Not Launched!

MaxTxAmount
No limit

DEX:
PancakeSwap

LP Address(es)

Liquidity not added yet



TOKEN TRANSFERS STATS

Transfer Count	16
Uniq Senders	6
Uniq Receivers	10
Total Amount	3349673.967401606 BW
Median Transfer Amount	220473 BW
Average Transfer Amount	209354.62296260038 BW
First transfer date	2022-06-21
Last transfer date	2022-08-15
Days token transferred	5

SMART CONTRACT STATS

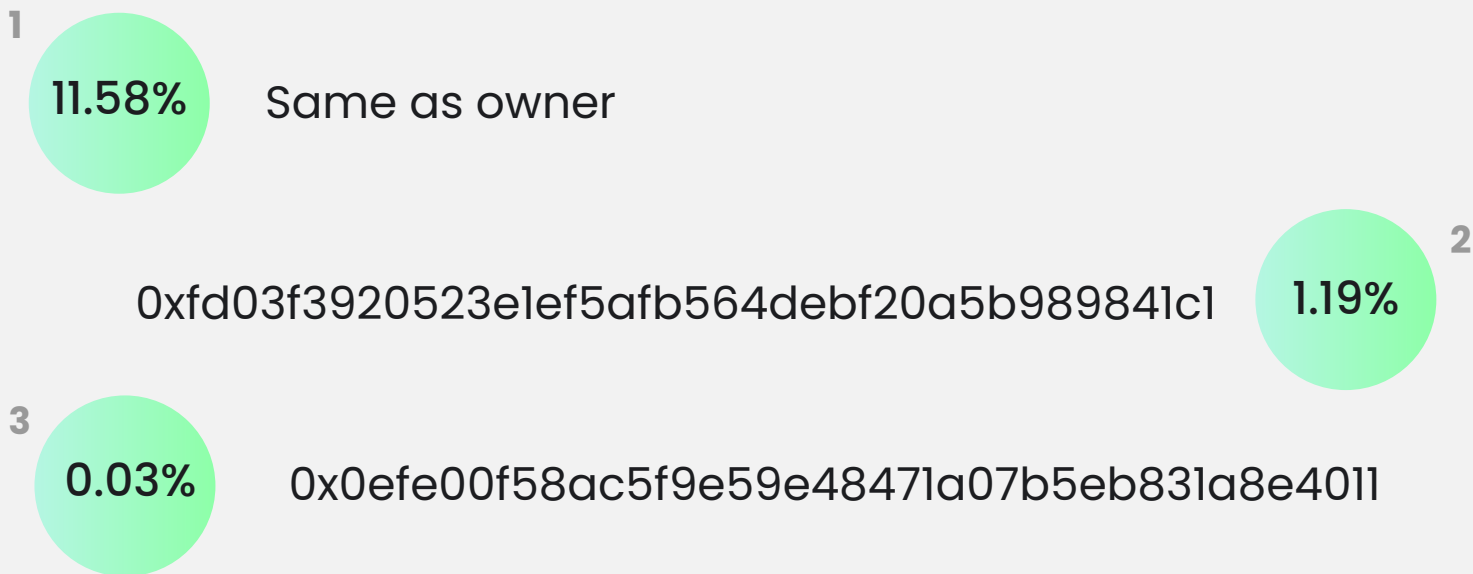
Calls Count	8
External calls	1
Internal calls	7
Transactions count	3
Uniq Callers	3
Days contract called	1
Last transaction time	2022-08-15 06:43:19 UTC
Created	2022-08-15 06:21:46 UTC
Create TX	0x1fb57e4b7ba0418effcc0d82dc67e330de9acc4653b6acd84334fb50b149443a
Creator	0xe0f2ecdc4eb43e4a49385c624b5a73ec49dd0fd9



FEATURED WALLETS

Owner address	0xe0f2ecdc4eb43e4a49385c624b5a73ec49dd0fd9
Charity address	0xfd03f3920523e1ef5afb564debf20a5b989841c1
LP address	Liquidity not added yet

TOP 3 UNLOCKED WALLETS





VULNERABILITY CHECK

Design Logic	Passed
Compiler warnings.	Passed
Private user data leaks	Passed
Timestamp dependence	Passed
Integer overflow and underflow	Passed
Race conditions and reentrancy. Cross-function race conditions	Passed
Possible delays in data delivery	Passed
Oracle calls	Passed
Front running	Passed
DoS with Revert	Passed
DoS with block gas limit	Passed
Methods execution permissions	Passed
Economy model	Passed
Impact of the exchange rate on the logic	Passed
Malicious Event log	Passed
Scoping and declarations	Passed
Uninitialized storage pointers	Passed
Arithmetic accuracy	Passed
Cross-function race conditions	Passed
Safe Zeppelin module	Passed
Fallback function security	Passed



THREAT LEVELS

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time. We categorize these vulnerabilities by the following levels:

High Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Medium Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Low Risk

Issues on this level are minor details and warning that can remain unfixed.

Informational

Information level is to offer suggestions for improvement of efficacy or security for features with a risk free factor.



⚠ Medium Risk

Owner can set buy/sell fees up to 25%.
Combined buy+sell=50%.

```
function setLiquidityFeePercent(uint256 liquidityFeeBps)
    external
    onlyOwner
{
    _liquidityFee = liquidityFeeBps;
    require(
        _taxFee + _liquidityFee + _charityFee <= 10**4 / 4,
        "Total fee is over 25%"
    );
}
```

- Recommendation:
 - Considered as good tax deduction practice is buy and sell fees combined not to exceed 25%.



Informational

Owner can exclude address from fees.

```
function excludeFromFee(address account) public onlyOwner {  
    _isExcludedFromFee[account] = true;  
}
```





RECOMMENDATIONS FOR

GOOD PRACTICES

1

Consider fundamental tradeoffs

2

Be attentive to blockchain properties

3

Ensure careful rollouts

4

Keep contracts simple

5

Stay up to date and track development

Broom Watch

GOOD PRACTICES FOUND

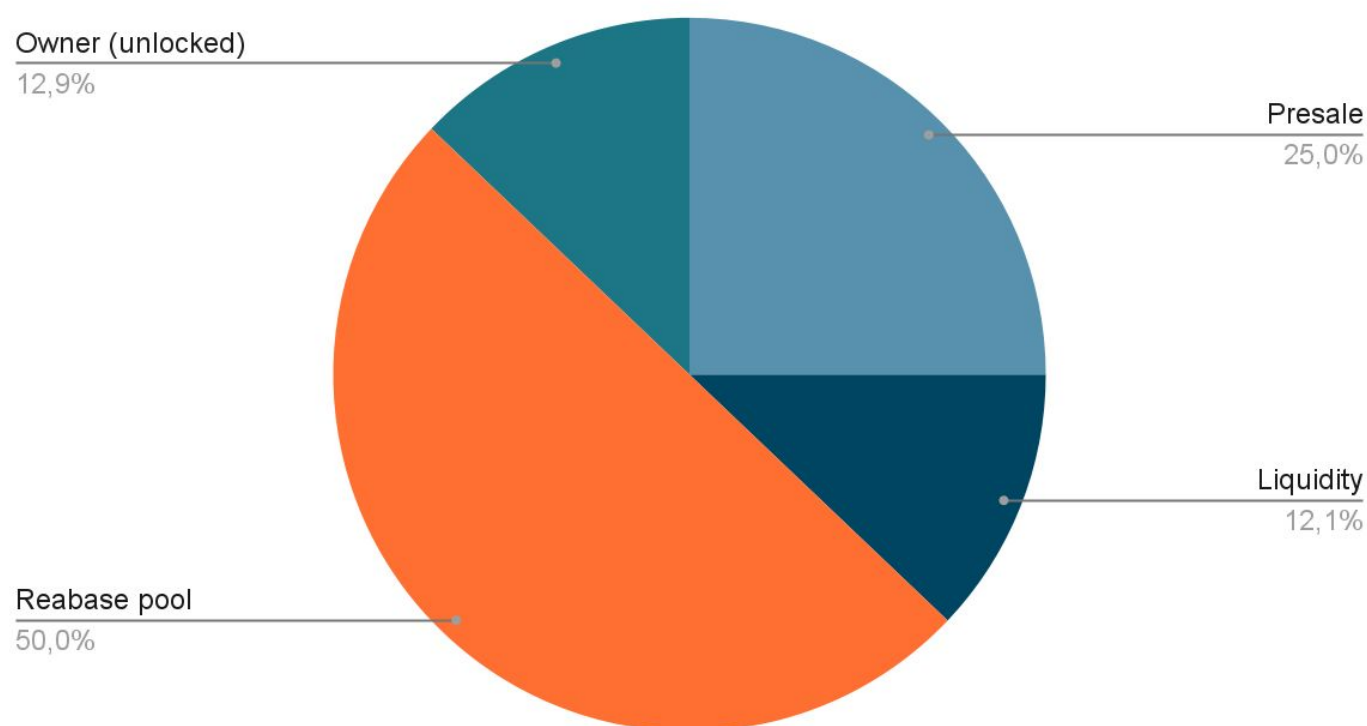
- ✓ The owner cannot mint new tokens after deployment
- ✓ The owner cannot stop or pause the contract
- ✓ The owner cannot set a transaction limit
- ✓ The smart contract utilizes "SafeMath" to prevent overflows



The following tokenomics are based on Pinksale's presale:

- 25% - Presale
- 12.1% - Liquidity
- 50% - Rebase pool
- 12.9% - Owner (*unlocked)

Tokens distribution



***Note**

Considering the above mentioned tokenomics:

If the unlocked owner tokens are sold, this will lead to token's price inflation above -50%.

⚠ Additional 40% of total supply is locked until 2022.08.31 - if sold, this will lead to additional token's price inflation more than -90%.

TOKENOMICS



THE TEAM

! The team is
anonymous

KYC INFORMATION

! No KYC

We recommend the team to get a KYC in order to ensure trust and transparency within the community.





WEBSITE

Website URL

<https://broomwatch.org/>

Domain Registry

<http://www.namecheap.com>

Domain Expiration

May 3, 2025

Technical SEO Test

Passed

Security Test

Passed. SSL certificate present

Design

Template design,
appropriate color scheme
and graphics.

Content

Information about the
project is confusing and one
can hardly understand what
it is about. ⚠️

Whitepaper

Confusing, not explanatory. ⚠️

Roadmap

Yes, goals set without time
frames.

Mobile-friendly?

Yes



broomwatch.org

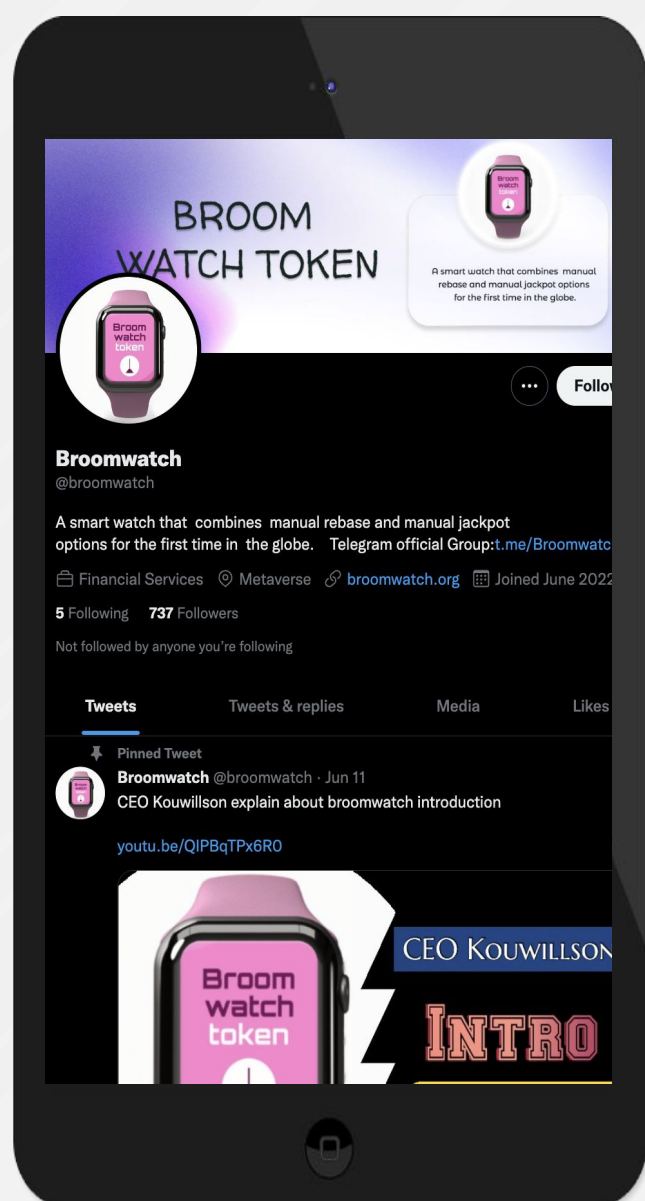


SOCIAL MEDIA & ONLINE PRESENCE



ANALYSIS

Project's social media activity is simulated with bots and spam. Telegram mods answer with template answers and don't give you clarification of the exact question you asked ⚠️



Twitter

@broomwatch

- 769 followers
- Not active ⚠️
- Total 10 posts for 3 months ⚠️



Discord

- Not available



Telegram

@Broomwatch

- 1 465 members
- Simulated activity with bots ⚠️
- Mods, responds in broken english with template answers without clarification ⚠️



Medium

- Not available



SPYWOLF

CRYPTO SECURITY

Audits | KYCs | dApps
Contract Development

ABOUT US

We are a growing crypto security agency offering audits, KYCs and consulting services for some of the top names in the crypto industry.

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Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.